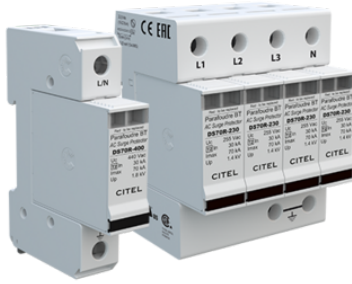




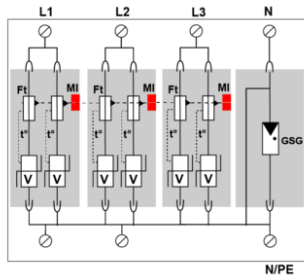
Type 2 AC surge protector - 3-phase

CITEL

DS74R-400/G



- ↳ Discover our latest innovation : the [DAC80-31-440](#)
- ↳ Re-inforced Type 2 AC surge protector
- ↳ In : 30 kA
- ↳ Imax : 70 kA
- ↳ Pluggable module by phase
- ↳ Remote signaling
- ↳ IEC 61643-11, EN 61643-11 compliance
- ↳ UL1449 ed.5 approved



V: High-energy varistor
 GSG: Specific gas tube
 Ft: Thermal fuse
 C: Remote signaling contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics

SPD type	2	
Network	230/400 V 3-phase+N	
AC system	TT-TNS	
Nominal line voltage	Un	230 Vac
Max. AC operating voltage	Uc	440 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	770 Vac disconnection
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT	1200 V/300A/200 ms withstand
Residual Current Leakage current to Ground	Ipe	None
Follow current	If	None
Nominal discharge current 15 x 8/20 μ s impulses	In	30 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax	70 kA
Total Maximum discharge current max. total withstand @ 8/20 μ s	Imax Total	70 kA
Connection mode(s)	L/N and N/PE	
Protection mode(s)	Common/Differential mode	
Protection level L/N @ In (8/20 μ s)	Up L/N	1.8 kV
Protection level N/PE @ In (8/20 μ s)	Up N/PE	1.5 kV
Admissible short-circuit current	Iscrr	25 000 A
Response time L-N	25 ns	

Mechanical Characteristics

Technology	MOV	
SPD configuration	3-phase+Neutral	
Connection to Network	By screw terminals: 2.5-25mm ² / by bus	
Format	Plug-in modular box	
Mounting	Symmetrical rail 35 mm (EN 60715)	
Housing material	Thermoplastic UL94 V-2	
Operating temperature	Tu	-40/+85°C
Protection rating	IP20	
Failsafe mode	Disconnection from AC network	
Disconnection indicator	2 mechanical indicators by pole	
Spare module(s)	DSM70R-230 + DSM70G-600	
Remote signaling of disconnection	Output on changeover contact	
Dimensions	See diagram	
Weight	0,45	

Disconnectors

Thermal disconnecter	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	100 A min. - 125 A max. - Fuses type gG	

Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification		

Part number

491412

